

AMENDED IN ASSEMBLY APRIL 21, 2003

CALIFORNIA LEGISLATURE—2003–04 REGULAR SESSION

**ASSEMBLY BILL**

**No. 1532**

**Introduced by Assembly Member Nakano**

February 21, 2003

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An act to relating to water.

LEGISLATIVE COUNSEL'S DIGEST

AB 1532, as amended, Nakano. State Water Project: real-time monitoring.

Under existing law, the Department of Water Resources operates the State Water Project.

~~This bill would declare that it is the intent of the Legislature to require, subsequent amendments, the department to establish a pilot project pursuant to which the department undertakes real-time monitoring for the purposes of protecting the water supplies of the State Water Project.~~

*This bill would require the Department of Health Services, in cooperation with the Department of Water Resources, to conduct a water security project, if federal funds are received for that purpose. The bill would prescribe the elements of the project, including the installation, operation, and maintenance of water monitoring devices at up to 25 locations within existing state, regional, or local water systems, with the ability to detect the introduction of biological, chemical, or radiological agents into water systems. The bill would require reports by the Department of Health Services on the effectiveness of the water monitoring systems, and on recommendations*

*for the most effective means of protecting the state's drinking water systems.*

Vote: majority. Appropriation: no. Fiscal committee: ~~no~~ yes.  
State-mandated local program: no.

*The people of the State of California do enact as follows:*

1     ~~SECTION 1. It is the intent of the Legislature to require, in~~  
2     ~~subsequent amendments, the Department of Water Resources to~~  
3     ~~establish a pilot project pursuant to which the department~~  
4     ~~undertakes real-time monitoring for the purposes of protecting the~~  
5     ~~water supplies of the State Water Project.~~

6     SECTION 1. (a) *If federal funds are received by the state for*  
7     *protecting the safety of state and local drinking water systems, the*  
8     *Department of Health Services, in cooperation with the*  
9     *Department of Water Resources, shall conduct a water security*  
10    *project. If federal funds are made available for those purposes*  
11    *contingent upon application by a state administrator, the*  
12    *Department of Health Services shall apply for those funds and be*  
13    *deemed the administrator of the project for those purposes.*

14    (b) *The project shall include the installation, operation, and*  
15    *maintenance of water monitoring devices at up to 25 locations*  
16    *throughout the state. The devices shall provide real-time or near*  
17    *real-time early warning of the accidental or intentional*  
18    *introduction of biological, chemical, or radiological agents into*  
19    *the water system.*

20    (c) *The project shall include all of the following elements:*

21    (1) *Be located at sites within existing state, regional, or local*  
22    *water distribution or delivery systems in California.*

23    (2) *Use a sensor system that autonomously monitors reservoirs,*  
24    *lakes, canals, pipelines, and other appropriate bodies of water.*

25    (3) *Be designed to detect neurotoxins in concentrations of 1 to*  
26    *10 parts per billion, dissolved metals in concentrations of 1 to 10*  
27    *parts per million and organophosphates in concentrations of 10 to*  
28    *50 parts per million.*

29    (4) *Use a system of communication that includes a land-based*  
30    *system with a small satellite uplink that can provide data on*  
31    *multiple locations on a real-time or near real-time basis.*

32    (5) *Operate for at least 18 months after installation.*

1     (d) *Once federal funds are received for the project, the*  
2     *Department of Health Services shall give the project priority over*  
3     *all other outstanding responsibilities.*

4     (e) *If funds are received for the project, the Department of*  
5     *Health Services shall report on January 1, 2005, and annually*  
6     *thereafter for the duration of the project, to the Legislature, the*  
7     *Department of Water Resources, the Office of Emergency Services,*  
8     *and the Office of Homeland Security on the effectiveness of the*  
9     *water monitoring project, and on recommendations for the most*  
10    *effective means of protecting the state's drinking water systems.*

